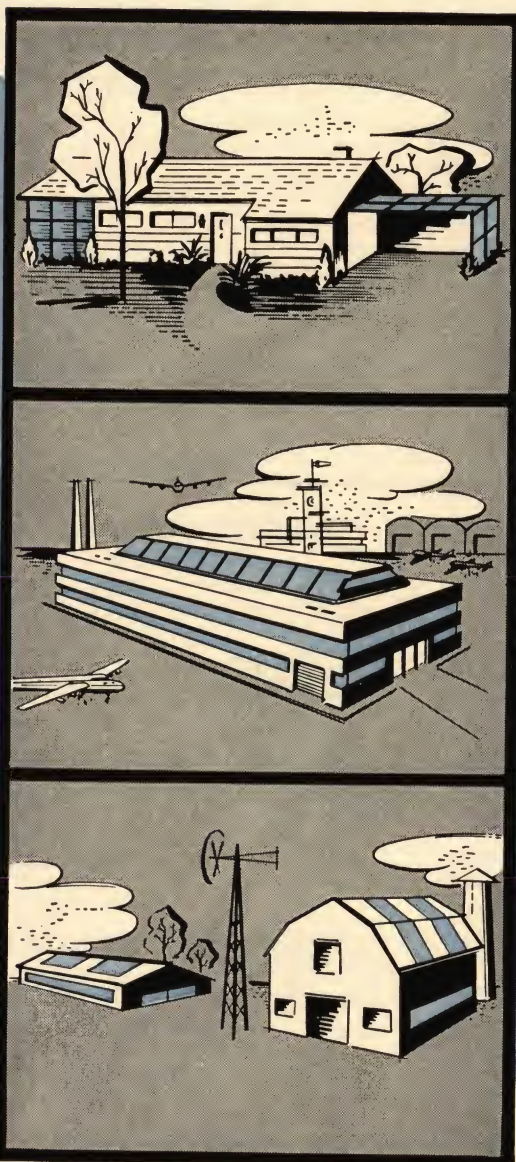


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**LASCO
LITE**

Fiber Glass Building Panels



For
Home

Industry

Farm

— SINCE 1947 —

LYNCH ASBESTOS COMPANY

2939 S. Sunol Drive, Los Angeles 23, Calif. • Telephone: ANgeles 3-6958

AIA FILE No. 26-A-9

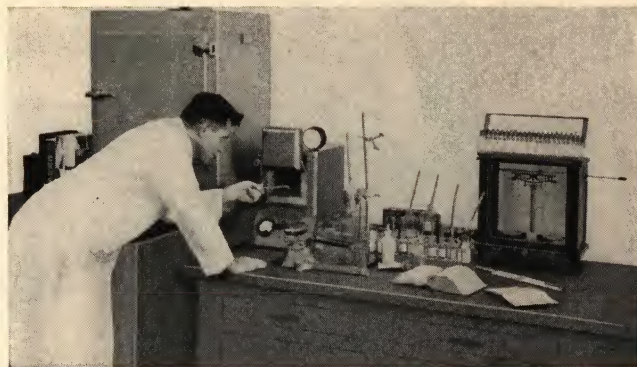
AIA FILE No. 26-A-9



FIBER GLASS PANELS

Lascolite is a glass fiber reinforced polyester resin material. The polyester resin used is a premium priced, weather resistant, light stabilized product supplied and especially formulated for translucent building panels.

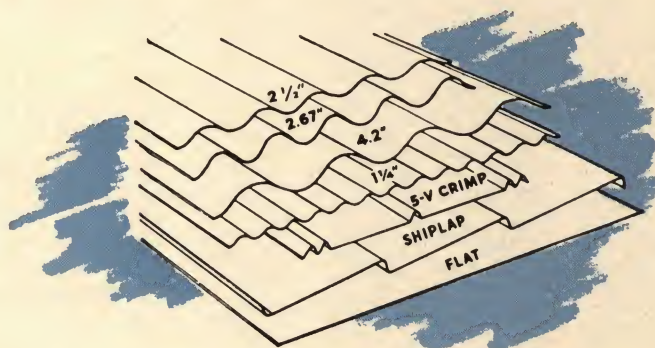
Lynch Asbestos Co. maintains its own laboratory to constantly analyze all raw materials and assure a quality controlled panel.



Burn Out Test

Lascolite panels are available in seven standard shapes and special shapes can be made on request to provide a panel for every possible use.

- Commercial** skylights, side lights, luminous ceilings, office partitions, store fronts, signs, etc.
- Residential** patios, awnings, room dividers, carports, fences, shower doors, decorative paneling.
- Agricultural** poultry houses, work shops, barns, milk sheds.
- Miscellaneous** green houses, truck bodies and roofings, protective shields.



PRODUCT ADVANTAGES

LIGHT TRANSMISSION

Panels are translucent but not transparent. They diffuse and soften light which passes through them. Hence, provide better working light and cut down expensive artificial daylighting.

LIGHT IN WEIGHT

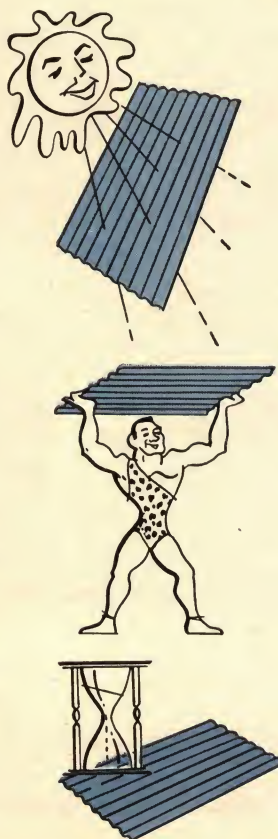
Lascolite panels make handling easy, and the tensile strength (twice most metals of comparable thickness) make them practical for portable units.

HIGH STRENGTH

Lynch Asbestos Co., makers of Lascolite, manufacture their own glass mat from the highest quality raw materials under extremely high tolerance and standards of quality control. Hence, Lascolite panels are shatter proof, will not rust, crack, rot, sag or warp.

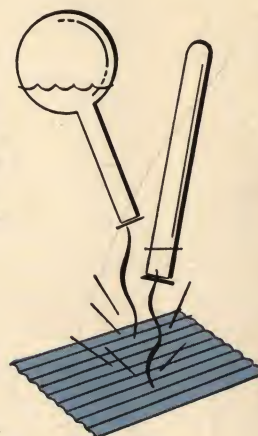
COLOR PERMANENCY

Lascolite pigments, used to color the resin, are the finest available.



RESISTANCE TO ACIDS AND ALKALIS

Lascolite panels are inert in the presence of most mild acids and mild alkali solutions. They can be set directly into ground or concrete without fear of corrosion and they are rodent resistant.



FIRE RESISTANT

Burning embers or sparks from cigarettes, smoke stacks, etc., will not generate enough heat to ignite Lascolite. The glass fiber reinforcement is a barrier to flame break through.

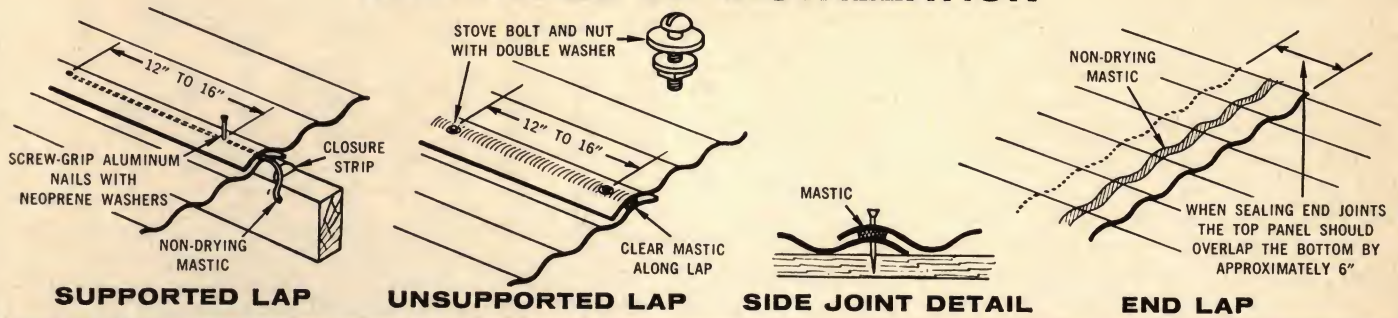
FIRE RETARDANT "FIREBLOCK"

Fire retardant Fireblock panels will not support combustion and will extinguish themselves immediately upon removal of source of flame. (May be used when building code specifies self-extinguishing panels).



DOUBLE CHECKED LASCOLITE—LASTS LONGER

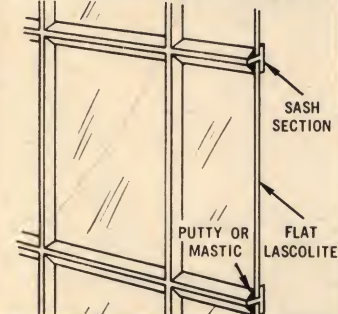
STRUCTURAL DETAILS AND TYPES OF INSTALLATION



SPECIFY LASCOLITE FOR CONTROLLED LIGHT TRANSMISSION, ECONOMY AND SAFETY.

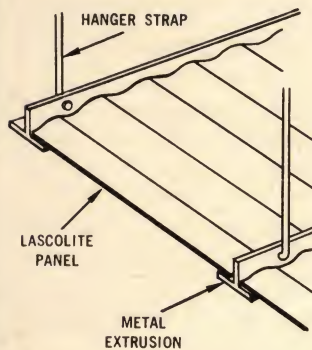
Lascolite diffused colors reduce eye strain. Lascolite shatter-proof panels eliminate glass breakage in factory, home and office.

GLAZING FLAT LASCOLITE (FACTORY WINDOWS)

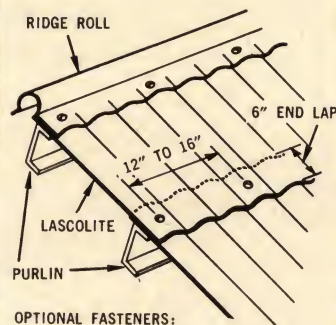


For glazing up to 48" in length, the Lascolite should be 1/8" shorter than the opening.

LUMINOUS CEILING

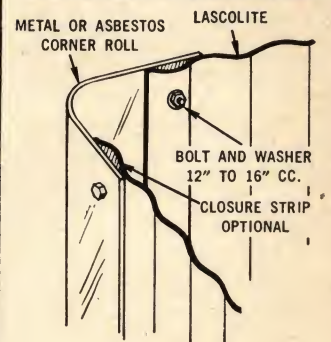


METAL BUILDING ROOF

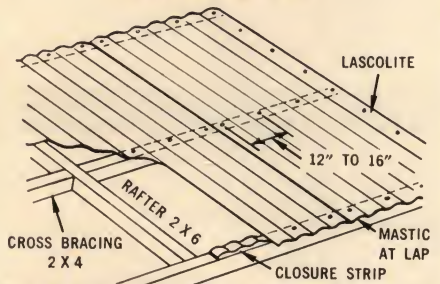


OPTIONAL FASTENERS: STRAP HANGERS, COMMERCIAL STUDS, "J" STRAWS, PURLIN NAIL, SELF-TAPPING SCREWS WITH WASHER.

CORNER ASSEMBLY

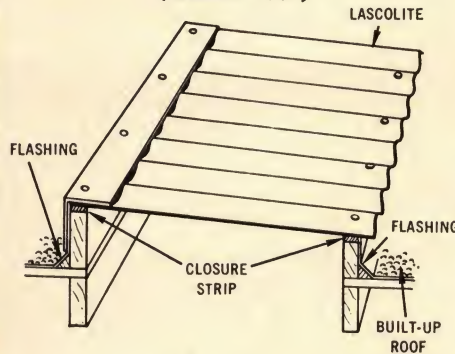


PATIO ROOF

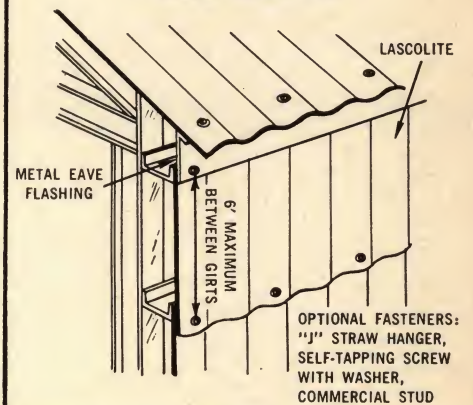


Space rafters on center 2" less than the width of the Lascolite sheets, for example, 26" panels require rafters to have 24" centers except 40" panels which are 37 3/8" on center. For panels larger than 26"x10' one cross brace is recommended except panels 40"x12' which should be braced every 4'.

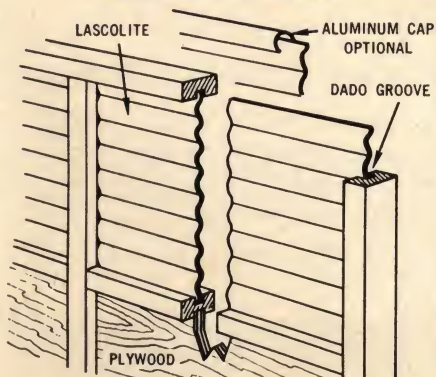
SKYLIGHT (BUILT UP)



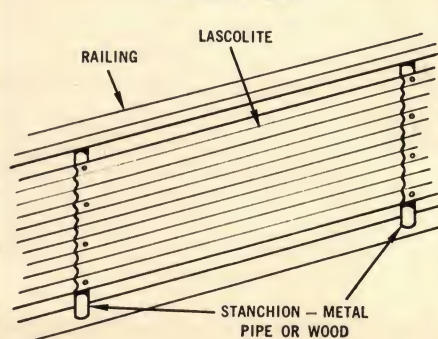
SIDE LIGHTS



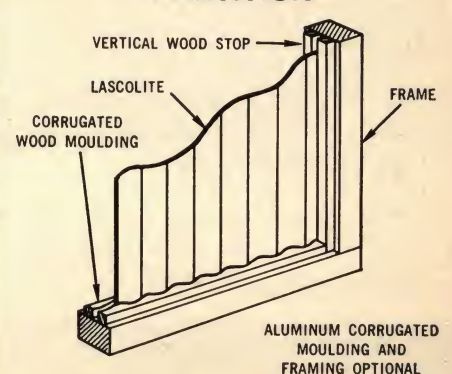
OFFICE DIVIDER



RAILINGS



PARTITION



ARCHITECTURAL SPECIFICATIONS FOR BUILDING PANELS

PRODUCT DATA

PANEL SHAPES, SIZES AND COLORS

CORRUGATED			
Width	Depth	WIDTHS	LENGTHS
* 2 1/2"	3/16"	26", 27 1/2", 34", & 40"	8', 10' and 12'
2.67"	7/8"	33 1/2" and 35"	8' and 10'
4.2"	1"	33 1/2" and 42"	8' and 10'
1 1/4"	1/4"	26", 34", and 40"	8', 10' and 12'
5-V CRIMP		26"	8', 10' and 12'
SHIPLAP			
4" Step, 3/4" Riser		29 1/2", 38"	8' and 10'
**FLAT		24" and 34"	4' and 8'

*Stock Sizes **Flat Panels stocked in Translucent Color only.

Special Sizes and Colors on Request.

All Panels are available in two average thicknesses: Standard, .050 (6 oz./sq. ft.) or Heavy, .060 (8 oz./sq. ft.).

COLORS: *High Light Transmission*—clear, skylight green, green, blue, aqua, salmon, forest green, sonnet blue.
Low Light Transmission—Solar block yellow, solar block green, solar block sand, solar block snowflake.

TWO AVERAGE THICKNESSES

Std. .050 (1 1/2 oz. mat)

Hev. .060 (2 oz. mat)

(.040 thickness also available for special applications)

SPECIFIC GRAVITY

(A.S.T.M. D-792) 1.46 g/cc

WEATHER RESISTANCE

Accelerated weathering test.....No loss in physical properties (equivalent to 1 year)

STRENGTH (.060)

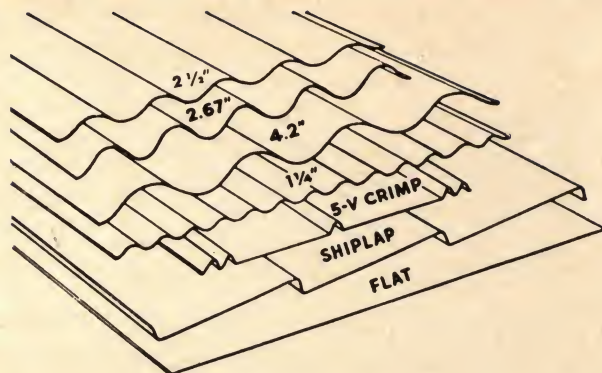
Tensile strength (A.S.T.M. D-638).....9,000 — 13,000 psi

Flexural strength (A.S.T.M. D-790).....19,000 — 26,000 psi

Coefficient of thermal expansion.....16 x 10⁻⁶ inches

Modulus of elasticity in flexure.....750,000 psi

Impact strength.....18.5 lbs. per in. notch



FIRE RESISTANCE

Ignition point.....800-900 degrees F.

Rate of burning (A.S.T.M. D-635-44)......50 inches per min.

ELECTRICAL PROPERTIES

Dielectric strength.....500 volts per mil.

HEAT TRANSMISSION

B.T.U./hr./sq. ft.

thickness/degree F.....1.23

Conduction compared to glass.....60% less

LIGHT TRANSMISSION CHART

Lascolite colors listed according to approximate percentage of light transmission of glass.

HIGH LIGHT TRANSMISSION

Clear85%

Skylight green80%

Green70%

Blue68%

Aqua65%

Salmon55%

Forest green55%

Sonnet blue55%

LOW LIGHT TRANSMISSION

Solar block yellow.....30%

Solar block green.....30%

Solar block sand.....30%

Solar block snowflake.....30%

LASCOLITE USES

Lascolite can be used in the same manner as plywood or corrugated metal. See the many uses on page two for home, farm, commerce and industrial applications.

LASCOLITE FLAT PANES

Eliminate breakage costs. Promote safe and effective lighting. Cut electricity bills by specifying Lascolite shatter proof flat panes.

See light transmission chart to select most advantageous color for your specific lighting problem.

EASY TO WORK

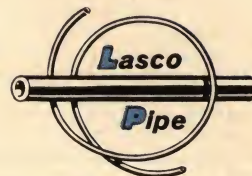
Panels may be fabricated with standard building tools. Easy to saw, nail or drill. Mastics may be applied or panels can be nailed, screwed or bolted.

LASCOPE AND FITTINGS

For highest quality in plastic pipe, Polyethylene, PVC, ABS (kralastic) or Flexvinyl, specify Lascope—the lasting pipe.

Send for complete catalog.

Lascope is an affiliate of Lynch Asbestos Co.



SPECIFY LASCOLITE FOR QUALITY & ECONOMY

DEALERS, DISTRIBUTORS, WAREHOUSE STOCKS
COAST TO COAST

— SINCE 1947 —

LYNCH ASBESTOS COMPANY

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